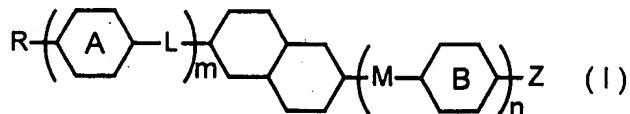


ABSTRACT

The present invention discloses a decahydronaphthalene derivative represented by general formula (I):



a liquid crystal composition in which it is contained, and a
5 liquid crystal device in which it is used. The novel
decahydronaphthalene derivative of the present invention can
be produced industrially extremely easily as shown in the
examples, and by adding a small amount to a base liquid
crystal, it is possible to have effects that expand the
10 nematic phase temperature range, thereby improving its various
characteristics as a nematic liquid crystal. Moreover, the
novel decahydronaphthalene derivative of the present invention
also has superior co-solubility with base liquid crystals
generally used at present. Thus, it is suitable for various
15 types of liquid crystal devices requiring a wide operating
temperature range, and is extremely useful as a liquid crystal
material.

THEODORE H. GARDNER